

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 March 2006 (09.03.2006)

PCT

(10) International Publication Number
WO 2006/024300 A1

(51) International Patent Classification⁷: **H04L 12/58**

(21) International Application Number:
PCT/DK2005/000555

(22) International Filing Date: 31 August 2005 (31.08.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
EP 04077431.7 31 August 2004 (31.08.2004) EP

(71) Applicant (for all designated States except US): **OP-
PORTUNITY SOLUTIONS A/S [DK/DK]**; Tuborg
Boulevard, 12, DK-2900 Hellerup (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAURIDSEN,
Anton, Christian [DK/DK]**; Skeevej, 56, DK-4370
Store Merløse (DK). **BRANDT, Henrik, John [DK/DK]**;
Vindruevej, 5, DK-2400 Copenhagen NV (DK).

(74) Agent: **ELMEROS PATENTS APS**; Toldbodgade 31.,
DK-1253 Copenhagen K (DK).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

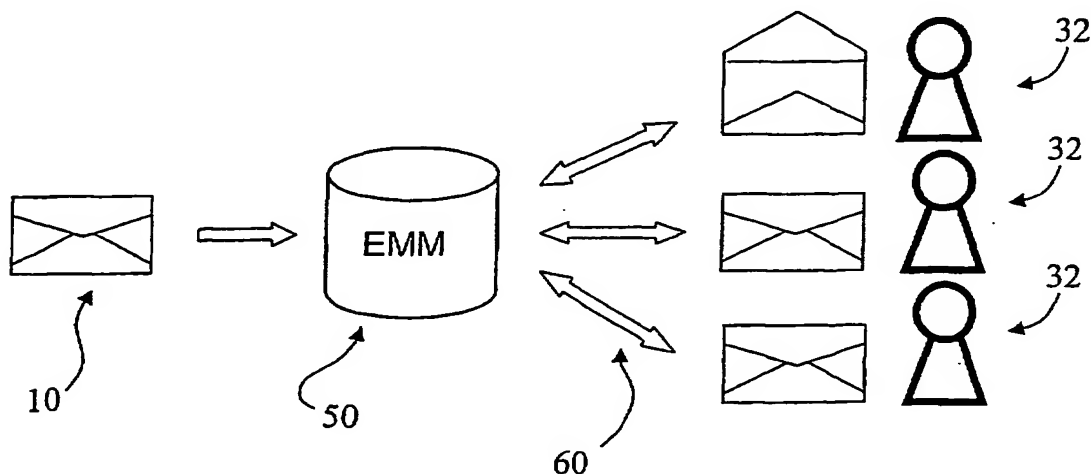
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SYSTEM FOR HANDLING ELECTRONIC MAIL IN A MULTIPLE USER ENVIRONMENT**



(57) Abstract: The invention concerns an electronic mail management (EMM) system for handling electronic mail in a multiple user environment, in which the user's incoming electronic mail is sent and received, said system includes a mail distribution network including a server through which electronic mail items of the users are exchanged, said system comprising: detecting means for monitoring the flow of in- and outbound electronic mails for a specified set of users, and intercepting the in- and outbound emails; journalising means for creating a notification record of a set of e-mail information data (metadata) for each intercepted electronic mail; an e-mail manager database (EMM DB) for storing at least said notification record and each electronic mail; and means for establishing a journal of e-mails by defining a search request query and submitting said search request to a search engine for selecting a userdefined series of information data from the notification records in the EMM database.